

P/021/62/000/012/004/005
D289/D308

AUTHOR: Ciok, Zbigniew

TITLE: The effect of nonsimultaneous short circuits on electrical equipment

PERIODICAL: Przegląd Elektrotechniczny, no. 12, 1962, 518-521

TEXT: Statistical analysis is given of numerous tests to determine the probability of occurrence of nonsimultaneous short circuits. Tests were made with ungrounded neutral point and with the value of damping close to the one met with in practice in medium voltage networks at 10, 15 and 30 kV. Low oil-content circuit breakers were used, tests were made at 100 MVA and damping time constant = 0.1 sec. It was found that at a given angle of the instant of make it is impossible to determine the probability of occurrence of nonsimultaneous short circuit because it depends on the design and condition of circuit breakers as well as circuit parameters. Maximum possible values of currents can be determined from circuit parameters and the ratio X_0/X_1 . Maximum transient peak factor is

Card 1/2

The effect of ...

P/021/62/000/012/004/005
D289/D308

2.37 without damping. The effect of nonsimultaneous short circuits on busbar forces is considered and a maximum increase of force of 24% was found compared with simultaneous short circuit. A similar increase was found to be 40.8% in the case of current transformers. The increase of force on isolators was found to be as for busbars if the isolators are mounted in a straight line with conductors. Other forces act on contacts and are as for current transformers. Special consideration is given to circuit breakers and their classification in dealing with asymmetrical breaking. The author proposes to divide circuit breakers into two groups, one with easier and the other with more onerous switching duty depending on asymmetry and damping time constant. There are 6 figures. ✓

ASSOCIATION: Katedra Przyrządów Rozdzielczych, Politechnika Warszawska (Department of Distribution Equipment, Warsaw Polytechnic)

Card 2/2

THRCEN, B.; CIOK, Z. [translator]

Selected problems concerning circuit breaker and fuse testing.
Przegl elektrotechn 39 no.2:56-61 F '63.

1. ASEA, Szwecja (for Thoren)

CIOK, Z.

Short circuit currents of nonsimultaneous short circuits
in three-phase networks. Archiw elektrotech 13 no.2:439-
457 '64.

1. Department of Electric Apparatus, Technical University,
Warsaw. Submitted October 9, 1961.

CIOK, Z.

Experimental testing of methods of current computation in nonsimultaneous short circuits. Archiw elektrotech 13 no.3:581-589 '64.

1. Department of Electric Apparatus of the Technical University, Warsaw.

CIČKAN, K.; RUSNAK, D.

"Industrialization of wines and cognac in Rumania."

p. 19 (Teknika) Vol. 4, no. 6, Nov./Dec. 1957
Tirane, Albania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

RUMANIA

Dr. ~~Al CIOLCA~~, Institute "Pasteur", Veterinarian N. MEDREA, Veterinary Zone Fintinele, District Tg. Mures; Veterinarian S. ANTONIE, Veterinary Laboratory Turnu Severin, Veterinarian N. VERDES and Dr. A. NICOLESCU, Veterinary Laboratory Pitesti; Veterinarian E. BARBAROSA, State Farm Voluntari, Bucharest; Dr N. SIRBU, State Farm Halinga, Animal Husbandry Ing. V. ANTON, State farm Cateasca Region Pitesti.

"Results in Combating Spirochetosis in Poultry Farms."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 4, Apr 63; pp 82-87.

Abstract [English summary modified]: Original method: infect geese (to prevent accidental spread of fowl plague or leukosis), let spirillemia peak (to as many spirochetes as RBC in peripheral blood); bleed and use as inoculum (0.25 ml./hen, diluted to 20% with saline.) Treat with organic arsenicals 24 hours later. Excellent results in a number of flocks, 13000 birds total. Two graphs; 1 Soviet, 3 French references.

1/1

RUMANIA

STEFANESCU, C., Dr, and CIOICA, N., Dr, of ICZ [Institutul de Cercetari Zootehnice; Zootechnical Research Institute]

"Selection Problems in Sheep Breeding."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 16, No 9, Sep 66, pp 32-36.

Abstract: The authors call attention to the importance of improving the stocks of Rumanian sheep in order to obtain larger total and average productions. The problems and measures involved in a vast selection and improvement program are outlined, and some suggestions are given to ensure its successful conclusion.

1/1

- 117 -

CICLAC, N.

"Contributions to the technique of willow cultivation", p.18, (REVISTA PADURILOR, Vol. 67, no. 8, August 1952, Bucuresti)

SO: Monthly List of East European Accessions, Vol. 2, no. 8, Library of Congress, August 1953, Uncl.

PAUNESCU, Eug.; CIOLAC-NEGOESCU, Anca; PISICA, Gh.

Tween 80 and penicillin influence on the physicochemical properties of the cellular wall in mycobacteria. Studi cerc biochimie 7 no.1:83-89 '64.

1. Laboratory of Microbial Biochemistry of the Clinical Institute of Phthisiology, Bucharest.

Country	: Rumania	E-2
Category	: Analytical Chemistry -- Analysis of Inorganic Substances	
Abstr. Jour	: Referat Zhur -- Khim, No 13, 1959,	45500
Author	: Todeasa, A., Ciolan, D., Kovaces, A., and Turcanu, C.	
Present.	: Not given	
Title	: The Determination of Iron and Aluminum in Their Binary Mixtures	
Chem. Pub.	: Rev Chim, 9, No 10, 577-578 (1958)	
Abstract	: A modified benzoate method (RZhKhim, No 16, 1956, 51122) is used for the determination of Al(3+) in binary mixtures with Fe(3+); the procedure is based on the preliminary separation of Fe(3+) by precipitation as Fe(OH) ₃ with excess NaOH (rather than reduction to Fe(2+)). The solution to be analyzed, containing Fe(3+) and Al(3+), is diluted with water to 150 ml and heated to boiling, after which an excess of 2N NaOH is added. The Fe(OH) ₃ precipitate which is formed is filtered, washed	

Card: 1/3

Country : Rumania
Category : Analytical Chemistry -- Analysis of Inorganic Substances E-2
Abs. Jour : Referat Zhur -- Khim, No 13, 1959 45500
Author :
Institut. :
Title :

Orig Pub. :

Abstract : with hot water, dissolved in HCl, reprecipitated with ammonia, washed, and ignited to Fe_2O_3 . The filtrates and wash solutions are acidified with hydrochloric acid to pH 5-5.5 (in the presence of methyl red), heated, and 30-40 ml of 5% ammonium benzoate solution is added. The solution and the $\text{Al}(\text{OH})_3$ precipitate which is formed are allowed to stand for 10-15 min over a water bath, the $\text{Al}(\text{OH})_3$ precipitate is filtered, washed with hot solution containing 5 ml of 5% ammonium benzoate solution and in 1 ml conc CH_3COOH [omission?] per 100 ml solution; ignited to Al_2O_3 , and weighed.

Gerd: 2/3

Country	: Rumania	
Category	: Analytical Chemistry -- Analysis of Inorganic Substances	E-2
Abstr. Jour.	: Referat Zhur -- Khim, No 13, 1959	45500
Inst.	:	
Pub.	:	
Orig. Pub.	:	
Abstract	: The time required for the filtration and the washing of the $Al(OH)_3$ precipitate is ≤ 30 min; the error in the determination is $\leq 0.6\%$. B. Manole	

Card: 3/3

Ciolan, F.

RUMANIA/Analytical Chemistry - Analysis of Inorganic Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24862
Author : Ceausescu, D., Ciolan, F.
Inst : Rumanian Academy.
Title : Determination of Ferrocyanides by Conductometric Titration with a Solution of Potassium Bichromate.
Orig Pub : Studii si cercetari chim. Acad. RPR Fil. Cluj, 1956, 7, No 1-4, 77-80
Abstract : On conductometric titration of 0.0005-0.005 M K Fe(CN) with 0.001-0.1 N solutions of K Cr₂O₇ in acid media, according to the redox reaction $K_2Cr_2O_7 + 6KFe(CN)_6 + 14HCl \rightarrow 2CrCl_3 + 8KCl + 7H_2O$ the electric conductivity of the solution decreases; with a slight excess of titration reagent, near the point of equivalence,

Card 1/2

5

RUMANIA/Chemical Technology. Chemical Products and Their
Application. Part 3. - Industrial Organic
Synthesis.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71635.

Author : Mariana Esayan, I. Ciolan.

Inst :

Title : Butadiene Preparation of Ethyl Alcohol in Fluidized
Layer.

Orig Pub: Rev. chim., 1956, 7, No 1, 31-34.

Abstract: The first results of laboratory experiments of buta-
diene (I) preparation by Lebedev's method from ethyl
alcohol (II) in a mobile layer of a catalyst (C) are
presented. The experiments were carried out on an
installation with a reactor in the shape of a glass
tube 24 mm in dia. in the bottom part filled with C

Card : 1/3

RUMANIA/Chemical Technology: Chemical Products and Their
Application. Part 3: - Industrial Organic
Synthesis.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71635.

and 45 mm in the top part serving for settling C particles carried off by the gas flow. II vapors were preliminarily heated to the reaction temperature and equally distributed in the C mass by passing through a porous glass plate, on which the layer of C was placed. The size of C grains was 75 to 100 μ . Parallel experiments were carried out with the same C in an immobile layer. The yield of I depends on the reaction temperature and reaches a maximum at 420°; at a contact duration of 3.8, 3.9 and 4 sec. and temperatures of 400, 420 and 440°, the yield of I was 67.5, 71.5 and 67% and

Card : 2/3

RUMANIA/Chemical Technology. Chemical Products and Their
Application. Part 3. - Industrial Organic
Synthesis.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71635.

the conversion degree was 23.2, 34.5 and 47% correspondingly. The author arrives at the conclusion that work with a mobile C layer produces better results, as far as the yield and the purity degree of I are concerned. Besides, local overheating causing C inactivity are eliminated by the C regeneration; the temperature remains uniform in the whole mass of C during the reaction. The introduction of C circulation guarantees the process continuity, maintains the maximum yield by continuously refreshing the C with the regenerated one, utilizes the heat liberated by C regeneration.

Card : 3/3

GAVAT, I., dr.; CIOLAN, I., ing.

Method for a continuous production of sebacic acid and octyl alcohol
from castor oil. Rev chimie Min petr 12 no.12:708-709 D '61.

(Sebacic acid) (Octyl alcohol) (Castor oil)

CIOLAN, I., ing.

Crystallization. Rev chimie Min petr 12 no.10:602-604 0'61.

CIOLAN, I.; CORNILESCU, A.

Rectification of solutions with different vaporization
molar heats. Rev chimie Min petr 15 no. 3: 145-146
Mr '64.

GIOLAN, I.; CORNILESCU, A.

Purifying ethylene carbonate by continuous crystallisation.
Rev chimie Min petr 16 no.2:98-100 F '65.

L 31449-66 EWP(j) IJP(c) RM

ACC NR: AP6023179

SOURCE CODE: RU/0003/65/016/002/0098/0100

AUTHOR: Ciolan, I.; Cornilescu, A.

ORG: none

TITLE: Purification of ethylene carbonate by continuous crystallization

SOURCE: Revista de chimie, v. 16, no. 2, 1965, 98-100

TOPIC TAGS: ethylene, carbonate, xylene

ABSTRACT: The authors report on the laboratory and pilot plant use of a separation column with a thermal gradient to obtain pure p-xylene and pure ethylene carbonate from a mixture. The construction and operation of the column are described, and some data are presented on the effectiveness of the method. Orig. art. has: 5 figures.

[JPRS]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 003

Cord 1/1

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1390

1 34890-66 EMT(1)/T IJP(c) GG

ACC NR: AP6026612

SOURCE CODE: RU/0003/65/016/005/0257/0261

AUTHOR: Ciolan, I.

ORG: none

TITLE: Crystallization

SOURCE: Revista de chimie, v. 16, no. 5, 1965, 257-261

TOPIC TAGS: crystallization, temperature, pressure

ABSTRACT: The author reviews the process of crystallization, discussing the stages of the process, supersaturation, the influence of various factors such as temperature, pressure, etc., the formation of nuclei and the kinetics of the crystallization proper, and the process of dissolution. Orig. art. has: 2 figures and 6 formulas.
[JPRS]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 002
OTH REF: 007

Card 1/1

44
ACC NR: AP6029165

SOURCE CODE: RU/0003/66/017/002/0072/0073

AUTHOR: Ciolan, I.

ORG: none

TITLE: Contributions to the study of continuously operating crystallization columns

SOURCE: Revista de chimie, v. 17, no. 2, 1966, 72-73

TOPIC TAGS: crystallization, heat balance

ABSTRACT: A theoretical analysis of the operation of continuous crystallization¹⁶ columns, giving the principal formulae governing their operation (heat and material balances, cooling yield, etc.). Orig. art. has: 1 figure and 13 formulas.
[JPRS: 36,556]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 001

Card 1/1

0917 2732

CIOLAN, N.

Pseudotsuga taxifolia Britt. in the Stalin Forest District. p. 1 5.
ANALELE ROMINA-SOVIETICE. SERIA AGRICULTURA

Vol. 10, No. 3, May/June 1956, Rumania

SOURCE: East European Accessions List, Library of Congress,
Vol. 5 p No. 10, Oct. 1956.

CLOICA, Al.

~~SURNAME~~ (in caps); Given Names

Country: Rumania

Academic Degrees: Dr.

Affiliation: Institute of Pathology and Animal Hygiene (Institutul de Patologie si Igiena Animale)

Source: Bucharest, Probleme Zootehnice si Veterinare, No 5, 1961, pp 42-47.

Data: // The Eradication of Trichomonosis in Cattle in a Unit."

Co-author:

MEDREA, N., Veterinarian, Institute of Pathology and Animal Hygiene (Institutul de Patologie si Igiena Animale).

CIOLEK, Antoni, inż.; PTASINSKI, Zbigniew, inż.; SLUSARCZYK, Stanislaw, inż.;
MICHALOLWSKI, Teofil, inż.; ADAMOWSKI, Henryk, mistrz

Increase of the maximum power of WK-50-1 turbines decreasing simultaneously the consumption of steam per unit. Gosp paliw 11 Special issue no. (95):12-13 Ja '63.

1. Elektrownia Jaworzno II.

CIOLEK, Antoni, inż.; PTASINSKI, Zbigniew, inż.; SLUSARCZYK, Stanislaw, inż.
MICHALOWSKI, Teofil, inż.; ADAMOWSKI, Henryk, mistrz.

Increase of the masimum power of WK-50-1 turbines decreasing
simultaneously the consumption of steam per unit. Gosp paliw
11 Special issue no.(95):12-13 Ja '63.

1. Elektrownia Jaworzno II.

NERLO, Henryk; CIOLEK, Barbara; OGOREK, Halina; WAWRZYNIAK, Edward

Physico-chemical prescription discrepancies of some sulfonamides.
Pol. tyg. lek. 19 no.28:1085-1088 13 - 20 J1'64

1. Z Katedry i Zakladu Farmacji Stosowanej Akademii Medycznej
w Lublinie; kierownik: prof. dr. farm. Henryk Nerlo.

CIOLEK, G.

Ciolek G.

Ciolek G., "Preservation Problems in Greeting Projects for Town and Landscape Planning" (Konserwacja zespolow urbanistycznych i krajobrazowych). Architektura, No 9-10, 1949, pp. 247-256, 28 figs.

The author discusses the value of the existing old-city centres and their buildings. The importance of these historic items to the common treasure of Polish culture is enormous, and bears witness to our national share in the culture of all mankind. In order to make the best use, from the town-planning point of view, of old city features there are several methods and ways in plastic and preservation technique. It is of paramount importance that those objects, above all, which are of historic value and the condition of which call for preservation and reconstruction, should have the benefit of such methods.

SO: Polish Technical Abstracts No. 2, 1951

P.T.A. CIOLEK, R.

Technician & Economics

230

824 (438) (061.3)

Ciolek R., Eng. The Results of Debates at the Vth Scientific Session

of the Association of Polish Building Trade Engineers and Technicians Held in Gdańsk (1-4 December, 1949).

"Wyniki obrad VI Zjazdu Naukowego Polskiego Związku Inżynierów i Techników Budownictwa w Gdańsku (1-4 grudnia 1949 r.)". Inżynieria i Budownictwo, No. 3-4, 1950, pp. 104-109.

The workday character of the VI-th Scientific Session of the APBTET. The debates in Section I (The 6-year building plan) gave expression to the problems pertaining to the substance and features of planning. The debates in Section II (socialist attitude and work methods in the building trade) were devoted to the problems connected with work emulation, incentive trends, the rationalization movement and mass savings. The debates in Section III (the struggle for builder's materials, production and proper use) referred to economy in the management of materials and to the latest achievements in builder's materials. Section IV (struggle for design and form) dealt with the problems of town planning, architecture and co-operation between builder and architect. The article deals with the major problems raised during the Science Session which contributed largely to Polish building practice.

101K052, 11

2228. Role of the chemical laboratory in the control of technological processes and quality of production of an oil refinery. A. Chelkova. *Neftekhim* (Krasnoyarsk), 1956, 12, 253-4. --Where crudes of various origins are supplied for treatment, raw materials must be controlled as well as semi-finished products and all chemicals to be used on the plant, and in the lab itself control of fuel is also included. Prescribed tests and methods are briefly given.

M. S.

MAXIMILIAN, V.; GIOLOCA, C.

The theoretical and practical importance of biopsy of the intestinal mucosa. Stud. cercet. med. intern. 6 no.1:3-14 '65

GIOLTAN, G.

"Green vernalization, an antibiotic factor". p.215. (REVISTA PADURILOR,
Vol. 69, No. 5, May 1954. Bucuresi, Rumania)

SO: Monthly List of East European Accessions. (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl.

CIOLTAN, G.

"Resistance of seeds which usually sprout in the second year. p. 31.
(REVISTA PADURILOR, Vol. 70, no. 1, Jan. 1955. Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), IC.
Vol. 4, No. 5, May 1955. Uncl.

VASILOV, V., ing.; GANISCHI, S., ing.; ~~CIOLTEA, A., ing.~~

Separation of chalcopyrite from lead-copper concentrates
and from zinc concentrate. Rev min 14 no.11:494-502 N'63.

1
GIONTEA, Nicolae, ing.

Semiautomatic machine for the forming of porcelain cups
by loam casting. Industria usoara 10 no.6:256-258 My '63.

CIOMBOROWSKI, Antoni; LUTYNSKA, Teresa

Interdependence of sex of large-white bacon pigs and the
quality of their ham. Roczniki Wyz Szkola Rol Poznan no. 12:
97-104 '62.

1. Katedra Szczegolowej Hodowli Zwierzat, Wyzsza Szkola Rolnicza,
Poznan.

MIHAILESCU, V., dr.; LICHTIG-DINULESCU, E., dr.; CIONCA, H., dr.

Angina pectoris at rest, associated with arterial paroxysmal hypertension in rheumatic aortic insufficiency. Med. intern. 15 no.2: 241-246 F '63.

1. Lucrare efectuata in Clinica a IV-a medicala (director: prof. I. Bruckner, si la ASCAR, director: prof. C. Iliescu).
(ANGINA PECTORIS) (HYPERTENSION)
(RHEUMATIC HEART DISEASE) (AORTIC VALVE DISEASES)

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
STONER, E CA 112 Chemical composition of the grain of <i>Avena sativa</i> L. G. Nicolescu, R. Chiriac and R. Constantinescu. Bull. acad. med. Roumanie 5, 81 9(1940)(in French).--In the oil of <i>Avena sativa</i> L. oleic, linoleic and palmitic acids were identified; in this, it resembles <i>Avena sativa</i> L. George Nachod.																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			

1ST AND 2ND SERIES										3RD AND 4TH SERIES									
CLOTH-A										A-4									
PROCESSES AND PROPERTIES INDEX																			
Chemical analysis of sample of Arsenic (arsenic, A. G. 100,000, E. 100,000, and E. CONTAINMENT) (see also, 100,000, 1940, S. G. 100,000, 100,000, and 100,000) have been identified in the light petroleum extract. P. L. U.																			
ADD-ILA METALLURGICAL LITERATURE CLASSIFICATION																			
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10000 10000 10000 10000 10000 10000 10000 10000 10000 10000										10000 10000 10000 10000 10000 10000 10000 10000 10000 10000									

CIONG-A, E.

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An investigation of the Hmo-tree blossom. Emil Cionga, Marguerite Constantinesco and Lucia Popescu. *Holl. sci. res. acad. romaine* 24, 331-42 (1942); *Chem. Zentr.* 1942, II, 1833. —Bapta. with either a 90% ext. or a clear dialyzed ext. produced poisonous symptoms in white rats. Intraperitoneal injection of the ext. in amts. equiv. to 5-10 g. of plant per 100 g. body weight was lethal in 85% of the animals within from 5 min. to several hrs. The ext. possessed blood-pressure-lowering properties similar to choline. The most active ext. was dialyzed. C. I. Carr

ATL-314 MEDICAL LITERATURE CLASSIFICATION

CIONGA, E.

RUMANIA / Organic Chemistry. Natural Compounds and
Their Synthetic Analogs.

G-3

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1417.

Author : Cionga, E., Cucu, V.

Inst : Acad. RPR.

Title : Research on the Veratrum Alkaloids. I. Sinain,
Verin and Rubyverin - Three New Alkaloids From
Veratrum Album L.

Orig Pub: Comun. Acad. RPR, 1958, 8, No 2, 171-175.

Abstract: See R. Zh. Khim., 1957, 68987.

Card 1/1

30

CIONGA, F.; CUCU, Viorica

Contributions to the preparation of ergotoxin from indigenous rye
ergot. Rumanian M Rev. no.3:90-93 J1-S '60.
(ERGOT ALKALOIDS)

R/004/60/000/009/001/001
D244/D306

AUTHORS: Marcus, Bruno; Ciontea, Ion; Kovacs, Iuliu;
Visolu, Violeta; Diaconu, Lucia; and Soltuz,
Constantin, Engineers (Bucharest)

TITLE: Ceramic capacitors for radio engineering

PERIODICAL: Electrotehnica, no. 9, 1960, 321 - 327

TEXT: The article presents some studies conducted by ICET on producing dielectric ceramic materials from domestic raw materials for P 100 and N 750 capacitors. The material for the P 100 capacitors was developed by ICET on the basis of steatite from the Hunedoara region. For the N 750 capacitors, the ICET developed a material consisting of titanium dioxide, zinc oxide and zirconium oxide. The main components of this material called "Ti 11", (N 750) are TiO_2 , ZnO , with additions of ZrO_2 , Al_2O_3 , and SiO_2 . The main properties vary as follows: $tg \delta$: with an increase of TiO_2 the losses drop to $tg \delta = 4 \cdot 10^{-4}$; with an increase of TiO_2 the constant increases to above 80, in case

Card 1/4

Ceramic capacitors for...

R/004/60/000/009/001/001
D244/D306

of a TiO_2 content of over 80%. TKE : varies from +180 to -710, in a zone of 33 to 90% of TiO_2 . At temperatures above 1,100°C the crystalline phases are TiO_2 and $\text{ZnO} \cdot \text{TiO}_2$. Reducing the temperature to 800°C, the latter enters into a solid solution with TiO_2 . The titanium dioxide was of foreign origin. The determination of dielectric losses carried out with 50 capacitors in dry and humid states is given in Fig. 9. 1. number of capacitors 2. tangent of the loss angle 3. in dry state $\text{tg}\delta_{\text{med}} = 2.53 \times 10^{-4}$ 4. after moistening $\text{tg}\delta_{\text{med}} = 3.6 \times 10^{-4}$. The loss values are included in a narrow range, the "Gauss bell" having a pointed shape. After having moistened the capacitors for 24 hrs in distilled water the losses slightly increased, the shape of the curve, however, remaining the same. The loss values were maintained within the limits admitted by international standards. The distribution of the values of the dielectric losses was measured with a group of 400 capacitors, again resulting in a pointed curve. It is concluded that the manufacturing of ceramic capacitors from domestic raw materials

Card 2/4

Ceramic capacitors for...

R/004/60/000/009/001/001
D244/D306

is in accordance with the need for a rapid development of Rumanian industry. The results obtained correspond to those of foreign products, proving the possibility of manufacturing these capacitors in Rumania. There are 10 figures, 4 tables and 5 references: 4 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: M.E. Levin: Phase diagrams for ceramics, Ohio, 1956.

ASSOCIATION: ICET

SUBMITTED: April 8, 1960

Card 3/4

CIONTEA, N.

15
✓ Refractory blocks for circular furnaces. N. Ciontea.
Ind. usorard (Bucharest) 2, 384-72(1955).—Good furnace-
lining refractories were manufd. from native raw materials,
such as clays from the regions of Bratca, Blajaca, and Gîrlie,
but difficulties were encountered because of variations in
the compn. of the clays delivered to the plants and because
of uneven mixing and size distribution of the batch com-
ponents.
François Kertész

2

RUMANIA / Chemical Technology, Chemical Products and H
Their Application, Part 2. - Ceramics, Glass,
Binders, Concretes. - Ceramics.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61658.

Author : D. Chelbea, N. Ciontea, M. Fodoreanu.

Inst : Not given.

Title : Porcelain Firing with Gas in Periodic Kilns.

Orig Pub: II-a Consf. tehn.-stiint. a ind. usoare. Piele-
Cauciuc.-Stiola. (Bucuresti), ASIT, 1957,
192 - 200.

Abstract: No abstract.

Card 1/1

27

Ciontea, N

Country	: RUMANIA	H-13
Category	: Chemical Technology. Ceramics. Binding Material Concrete	
Abs. Jour	: Ref Zhur-Khimiya, No 14, 1959, No 50323	
Author	: Ciontea, N.	
Institute	: -	
Title	: Problems in the Investigation of Drying Grid Bars for Glass Melting Ovens	
Orig Pub.	: Piele.-Caucins.-Sticla. [Bucuresti], ASIT, 1957, 201-211	
Abstract	: Based on theoretical investigation of drying conditions in the manufacture of grid bars (GB), employed at a porcelain factory, it was concluded that the above conditions are not justified and, as the result of that, a new technology of drying (consisting in the 30 days drying instead of 60) was proposed. In the investigation of new drying conditions the following variables were investigated: measurements of absolute humidity, temperature,	
Card:	1/5	

H-13

Abs. Jour : Ref Zhur-Khimiya, No 14, 1959, No 50323

Author :
Institute :
Title :

Orig Pub. :

Abstract : rate of drying, degree and distribution of
water content within GB, and also measurements
of relative humidity inside the drying chamber.
Con'd Based on the obtained data, the following
drying conditions (that gave positive results
in the three years of actual use) are recom-
mended. During the first 17 days drying of
GB is conducted with the exhaust duct of the
drying chamber closed; during the first 7 days
temperature is increased gradually at the rate

Card: 2/6

H-35

		H-13
Country	:	
Category	:	Chemical Technology.
Abs. Jour	:	Ref Zhur-Khimiya, No 14, 1959, No 50323
Author	:	
Institute	:	
Title	:	
Orig Pub.	:	
Abstract	:	of 2-3° per day until it reaches 35°. At the same time humidity in the chamber is maintained at 70-80% by means of introducing spray at the base of the chamber every 6 hours, and by installing in it two kettles with water. From the 7th to the 12th day temperature is increased at a rate of 2° per day until 40° are reached; water is sprayed every 12 hours. After 12 days spraying is discontinued, leaving
Con'd	:	
Card:	:	3/5

Category :

Abs. Jour : Ref Zhur-Khimiya, No 14, 1959, No 50328

Author :

Institute :

Title :

Orig Pub. :

Abstract : only one kettle with water [sic] in the chamber. From the 12th and up to the 16th day temperature is maintained at a constant level (40-42°), followed by the removal of second kettle and by partial opening of the flue shutter. Temperature is then gradually increased, reaching 46° on the 20th day of drying. From the 20th and up to 30th day temperature is increased up to 50-55°, followed by the removal of articles from the chamber.

Card: 4/5

H-36

Country	:		H-13
Category	:	Chemical Technology.	
Abs. Jour	:	Ref Zhur-Khimiya, No 14, 1959, No 50323	
Author	:		
Institute	:		
Title	:		
Orig Pub.	:		
Abstract	:	Water content of GB at this point should not exceed 3.2-3.4%. The economics involved in the above technological sequence indicate that utilities consumption for the new drying conditions are reduced by 40% without detriment to the products quality. --Ya. Matlis	
Con'd	:		
Card:	:	5/5	

H-13

COUNTRY : Rumania
 CATEGORY :
 ABE. JOUR. : RZKhim., No. 16 1959, No. 57751
 AUTHOR : Stoicovici, E., Ciontea, N., Cristien, M., Gria-
 INST. : Rumanian Academy of Sciences
 TITLE : The Purification of Kaolin from Sicnevita
 ORIG. PUB. : Studii si Cercetari Geol-Geograph Acad RPR Fil
 Cluj. 8, No 3-4, 305-316 (1957)
 ABSTRACT : No abstract.

CARD: 1/1 * tian, G. and Weingartner, R.

203

COUNTRY	: RUMANIA	II
CATEGORY	: Chemical Technology. Chemical Products and Their Uses. Part 2. Ceramics. Glass. Binding*	
ABS. JOUR.	: RZKhim., No. 1 1960, No. 1864	
AUTHOR	: Clontea, M.	
INST.	: --	
TITLE	: Critical Outline of the Methods of Mineralogical Analysis of Ceramic Raw Materials	
ORIG. PUB.	: Ind. usoara, 1959, 6, No 1, 23-30	
ABSTRACT	: The deficiencies and advantages, and apparatus peculiarities of the methods of analysis of the phase composition of mineral media, including the method of mineralogical interpretation of chemical analysis data, are presented. The use of a kaolin-feldspar-quartz diagram can lead to mistakes whenever a clayey substance of non-kaolinic composition is present.-- G. Vorobyev	
	*Materials. Concrete. General Problems	
CARD:	1/1	

CICNTEA, N.

Raw materials in the fine ceramic industry. II. Degreasing raw materials; feldspar and silica sand. p.392

INDUSTRIA USOARA, (Asociatia Stintifica a Inginerilor si Tehnicienilor din
Romania si Departamentul Industriei Usoare din Ministerului Industriei
Bunurilor de Consum)
Bucuresti, Rumania
Vol. 6, no.10, Oct. 1959

Monthly List of East European Accessions (EEAI) LC., Vol. 9, no.1, Jan. 1960
Uncl.

STOICOVICI, E.; BACIU, G.; BADANOIU, M.; CIONTEA, N.; HALTRICH, S.

The betatron acceleration chamber of the Institute of Atomic
Physics of Bucharest. Studii cerc fiz 13 no.3:401-409 '62.

1. Institutul de fizica atomica, Bucuresti.

CIONTEA, Nicolae, ing.

Sources of raw materials for glass and fine ceramics in
Rumania. Industria usoara 9 no.12:506-516,529 D '62.

STOICOVICI, Eugen, prof., dr. in stiinte geologice; CIONTEA, Nicolea, ing.;
SCHUSTER, Uwe, chim.

Considerations on pyroscopic indicators. Industria usoara
10 no.12:578-586 D'63.

1. Universitatea "Babes-Bolyai" din Cluj, si seful statiei
pilot pentru studiul materiilor prime de la Fabrica "Portelanul-
Cluj (for Stoicovici). 2. Seful serviciului tehnic al
fabricii "Portelanul"-Cluj (for Ciontea). 3. Tehnolog in
cadrul Sectorului indicatoare piroscopice si coloranti
ceramici al fabricii "Portelanul"-Cluj (for Schuster).

CIONTEA, Nicolae, ing.

The Cluj Portelanul Factory; technical aspects of the work carried on during the last ten years. Industria usoara 10 no.12:587-589. D'63.

1. Seful serviciului tehnic al fabricii "Portelanul"-Cluj.

CIONTEA, Nicolae, ing.; STOICOVICI, Eugen, prof., Dr. in science geology

Contributions to the study on Daco-Getic ceramics. Industria ussura
II no.9:462-469 S '64.

1. Head of the Technical Office, "Mortalmu" Factory, Cluj (for
Ciontea). 2. "Babeş-Bolyai" University, Cluj (for Stoicovici).

STOLCOVICI, Eugen, prof., dr. in stiinta geologiei; GIONTEA, Nicolae, ing.

Considerations on the microstructure of porcelain. Industria usorara
11 no.10:536-544 0 '64.

1. "Babes-Bolyai" University, Cluj; Head of Central Station for Studying Raw Materials of the "Portelanul" Plant, Cluj (for Stoicovici).
2. Head of the Technical Department, "Portelanul" Plant, Cluj (for Giontea).

CIONTESCU, Gh., ing.

Scientific Session of the Geodesy Chair in the General Military
Academy. Rev geodesie 7 no.2:66 '63.

MARTON, G., Cand. in stiinta; TIRICA, Gh., ing.; CIONTESCU, Gh., ing.;
BUSUIOC, V.

Construction of a polygon for checking the photoaerial chambers.
Rev geodezie 7 no.3:31-37 '63.

SURNAME, Given Names

Country: *CIOPALA, E.*
Rumania

Academic Degrees: -not given-

Affiliation: *)

Source: Timisoara, Timisoara Medicala, Vol VI, No 1, Jan-Jun 1961, pp 33-37.

Data: "Reanimation in Terminal Collapse State With Transfusions of
Oxygenated Blood Through Artificial Heart-Lungs."

Authors:

MANDACHE, F.
MATEESCU, D.
PRODESCU, V.
KOVER, Gh.

ROSCA, S.
CIOPALA, E.
MATEICA, Monica
CONSTANTINESCU, S.

LUTESCU, I.
CANTARGIU, Sofia
TANCIU, I.

*) Work performed at the Surgical Clinic of "Brincovenesc" Hospital
(Clinica de Chirurgie a Spitalului "Brincovenesc"), Director: F.
MANDACHE.

CPD 98164

TETU, I.; DIMITRIU, A.V.; ALGEORGE, S.; CIORA, M.; UDRISCU, St.

Post-caustic esophagitis. Rumanian M. Rev. 3 no.1:66-68 Jan-Mar
59.

(BURNS,

caustic esophageal stenosis)

(ESOPHAGUS, stenosis

caustic)

(CAUSTICS, inj. eff.

esophageal stenosis)

* Drugs for cancer treatment. Ecaterina Clorinescu. *Rev. chim. (Bucharest)* 5, 425-30(1957). A discussion is given of endocrine, klostatic, and antimitotic drugs in cancer therapy. Discussed in some detail were RN[(CH₃)₂CH]₂compds. (I), some derivs. of 1,3,5-triazine, triethylene melamine (II), and such antagonists as N-[4-(2,4-diamino-6-pteridylmethylamino)benzoyl]glutamic acid (aminopterin) (III), A-Methopterin, 8-azaguanine, and others. I, II, and III were prepd. in the laboratory. Gerard Aufleger

CIORANESCU, E.

Antimalaria Medicines. Revista De Chimie (Journal of Chemistry), #2:57:Feb 55

CIDRANESCU, E.

7
 /Diels-Alder condensation of 3,4-benzisoxazole with *N*-phenylmaleimide. C. D. Nenitzescu, Ecaterina Ciordanescu, and Ludmila Brihadanu. *Commun. Acad. Rep. Pop. Romine* 8, 775-D (1958).—Endo and exo isomers of 1,4-endoxy-1,2,3,4-tetrahydroquinoline-2,3-dicarboxylic *N*-phenylimide are obtained on heating equivalent amts. of 3,4-benzisoxazole and *N*-phenylmaleimide to 125 and 140°, resp. The endo isomer m. 190°, heated to 140° gives the exo isomer, m. 233°. Alk. hydrolysis yields acridinic acid. From these data the structure of 3,4-benzisoxazole is confirmed. J. Sagall

2 May
 4E 2c yj
 4

9A

CIORANESCU, Ecaterina; BUCUR, Aurora; MAXIM, Maria; NENITESCU, C.D., acad.

A new method in separating thiourea from ammonium thicyanide. Studii
cerc chim 8 no.1:67-71 '60. (EEAI 9:8)

1. Centrul de cercetari chimice al Academiei R.P.R., Sectia chimie
organica, Bucuresti. 2. Comitetul de redactie, Studii si cercetari
de chimie (for Cioranescu). 3. Redactor responsabil, Studii si
cercetari de chimie (for Nenitescu).
(Thiourea) (Ammonium thiocyanate)
(Carbon tetrachloride)

CIORANESCU, ECATERINA

Distr: 4E2c(j)/4E3d

11
 1. Dichlorocarbene in the pyrolysis of silver trichloroacetate. Viorica Ioan, F. Badea, Ecaterina Cioranescu, and C. D. Nenitzescu (Inst. Bucharest, Romania). *Angew. Chem.* 72, 416 (1960); cf. preceding abstr.—The following mechanism, postulating dichlorocarbene as intermediate, was suggested to account for the formation of $(\text{Cl}_2\text{CCO})_2\text{O}$ in the pyrolysis of Cl_3CCOAg (I): $\text{I} \rightarrow \cdot\text{CCl}_2 + \text{CO} + \text{AgCl}$; $\cdot\text{CCl}_2 + \text{I} \rightarrow (\text{Cl}_2\text{CCOCCl}_2)\text{Ag}^+ \rightarrow (\text{Cl}_2\text{CCOCl}) + \text{CO} + \text{AgCl}$; $\text{Cl}_2\text{CCOCl} + \text{I} \rightarrow (\text{Cl}_2\text{CCO})_2\text{O} + \text{AgCl}$. Gas analysis confirmed the formation of equimolar amts. of CO_2 and CO . I heated in cyclohexene at 70° yielded the anhydride as major product, about 10% dichlorodiperoxane (identified by gas chromatography), and a considerable amt. of 1-fermylcyclopentene. S. Afterglow.

6
 1-ox(Bw)
 2-JAJ(NBYMAY)
 2

CHIORENESEKU, Yekaterina [Cioranescu, E.]; LUMEN-BYRLEDYANU, Lyudmila
[Buchen-Barladeanu, L.]; SHTERNBERG, Rene [Sternberg, R.]

Synthesis of α -amino ketones. Izv. AN SSSR. Otd. khim. nauk
no. 1:144-148 Ja '61. (MIRA 14:2)

1. Khimicheskiy institut Akademii Rumynskoy Narodnoy
Respubliki.

(Ketones)

CHICRENESKU, Yokaterina [~~Gioranescu, E.~~]; BUKHEN-BYRLEDYANU, Lyudmila
[Buchen-Barladeanu, L.]

Synthesis of cyclic amino ketones. Izv. AN SSSR. Otd. khim. nauk
no. 1:149-151 Ja '61. (MIRA 14:2)

1. Khimicheskiy institut Akademii Rumynskoy Narodnoy Respubliki.
(Ketones)

GIORANESCU, Ecaterina; MAXIM, Maria; SAFIRESCU-SUCIU, Nausica; NICULESCU, V.

Substances with potential anticancer action. I. Alkylation agents in the series of p-aminobenzoic acid. Studii cer chim 10 no.1:81-89 '62.

1. Institutul de chimie al Academiei R.P. R., Sectia de chimie organica si Institutul oncologic, Bucuresti. 2. Membru al Comitetului de redactie, "Studii si cercetari de chimie (for Cioranescu).

GIORANESCU, Ecaterina; RAILEANU, D.

Substances with potential anticancerous action. Pt.2. Studii cerc
chim 10 no.3/4:295-303 '62.

GIORANESCU, Ecaterina; RAILEANU, Dan

Potential anticancer agents. Pt 2. Rev chimie 8 no.1:21-29
'63.

1. Institute of Chemistry of the Academy of the R.P.R. Bucharest.
2. Corresponding Member of the Academy of the R.P.R. (for Gioranescu).

CIORANESCU, Ecaterina; BUCUR, Aurora; BANCIU, M.; NENITESCU, C. D.
[Nenitescu, C.D.]

Carbonium ion reactions. Pt. 1. Rev chimie Roum 10 no.2:141-148
F '65.

1. Institute of Organic Chemistry of the Rumanian Academy,
Bucharest. Submitted November 17, 1964.

GIORANESCU, Ecaterina; BUCUR, Adrian; ELIAN, M.; NENITZESCU, C. D.
[Nenitescu, C.D.]

Carbonium ion reactions. Pt. 2. Rev chimie Roum 10 no.2:149-159
F '65.

1. Institute of Organic Chemistry of the Rumanian Academy,
Bucharest. Submitted November 17, 1964.

CIORANESCU, Ecaterina; BUCUR, Aurora; BANCIU, M.; NENITESCU, C.D.

Chromium ion reactions. Pt. 1. Studii cerc chim 14 no.2:127-134.
F 165.

1. Institute of Organic Chemistry, Rumanian Academy, Bucharest.
Submitted November 17, 1964.

CIORANESCU, Ecaterina; BUCUR, Aurora; ELIAN, M.; NENITESCU, C.D.

Carbonium ion reactions. Pt.2. Studii cerc chim 14 no.2:
135-145 F '65.

1. Institute of Organic Chemistry, Rumanian Academy,
Bucharest. Submitted November 17, 1964.

CIORANESCU, Ecaterina; BUCUR, Aurora; ELIAN, M.; BANCUIU, M.; VOICU, M.;
NENITZESCU, D. D. [Nenitescu, C.D.]

Carbonium ion reactions. Pt. 3. Rev chimie ~~10~~ 10 no.2:161-174
F '65.

1. Institute of Organic Chemistry of the Rumanian Academy,
Bucharest. Submitted November 17, 1964.

CIORANESCU, Ecaterina; MIHAI, Angelo; MITA, G.; ELMAN, M.; NENITZESCU,
C. D. [Nenitescu, C.D.]

Carbonium ion ~~reactions~~. Pt. 4. Rev chimie Roum 10 no.2:175-183
F '65.

1. Institute of Organic Chemistry of the Rumanian Academy,
Bucharest. Submitted November 17, 1964.

CIORANESCU, Ecaterina; BUCUR, Aurora; ELIAN, M.; BANGIU, M.; VOICU, M.;
NENITESCU, C.D.

Carbonium ion reactions. Pt. 3. Studii cerc chim 14 no.2:147-159
F '65.

1. Institute of Organic Chemistry, Rumanian Academy, Bucharest.
Submitted November 17, 1964.

GIORANESCU, Ecaterina; MIHAI, Angela; MIHAI, G.; ELIAN, M.; NENITESCU, C.D.

Carbonium ion reactions. Pt. 4. Studii cerc chim 14 no.2:161-169
F '65.

1. Institute of Organic Chemistry, Rumanian Academy, Bucharest.
Submitted November 17, 1964.

GIORASCU, Florian

Rumanian nuclear research. Pokroky mat. fiz. 8-10, 3:170-172
'63.

Clorănescu, Nicolas. Quelques formules de moyenne.
Bull. Math. Phys. Ec. Polytechn. Bucharest 10 (1938-39),
27-31 (1940).

The author derives a number of mean-value theorems and
inequalities by specializing the functions in

$$\iint \varphi(x_1, x_2) \frac{f(x_1) - f(x_2)}{x_1 - x_2} dx_1 dx_2 = f'(\xi) \iint \varphi(x_1, x_2) dx_1 dx_2$$

where $\varphi \geq 0$.

R. P. Boas, Jr. (Providence, R. I.).

Source: Mathematical Reviews,

Vol 10 No. 6

10RANESCO, Nicolas

11/11

Ciorănescu, Nicolai. Sur la détermination des fonctions harmoniques par leurs valeurs sur des variétés caractéristiques. *Mathematica*, Timisoara 20, 137-147 (1944).
L'auteur cherche à déterminer une fonction harmonique $u(x_1, \dots, x_n)$ réelle au voisinage de l'origine en imposant que son prolongement dans le champ des x complexes selon le développement analytique prenne des valeurs données sur la variété $\sum x_i^2 = 0$. Dans le cas de deux variables on doit avoir $u(t, it) = f_1(t) + if_2(t)$ (réel) $u(t, -it) = f_1(t) - if_2(t)$. Les fonctions f_1, f_2 doivent être analytiques et réciproquement si on se les donne tels quelconques, on peut aussitôt trouver u unique comme partie réelle d'une fonction holomorphe. Le cas beaucoup plus difficile de 3 variables est ensuite étudié, pour une donnée très générale, à l'aide d'une représentation intégrale des fonctions harmoniques analogue à celle de Whittaker.
M. Brelot (Grenoble).

Source: *Mathematical Reviews*,

Vol 8, No. 4

CIORANESCU, NICOLAS: Determining Harmonic Functions By Their Values On Characteristic Varieties

Ciorănescu, Nicolae. Regular solution of a linear differential equation of the second order with variable coefficients. Acad. Repub. Pop. Române. Bul. Ști. A. 1, 725-731 (1949). (Romanian. Russian and French summaries)

Ciorănescu, Nicolae. On representations by a simple series of a regular solution of Green's equation. Acad. Repub. Pop. Române. Bul. Ști. Ser. Mat. Fiz. Chim. 2, 293-297 (1950). (Romanian. Russian and French summaries)

In the first paper it is shown that a solution of the partial differential equation $u_{xx} + u_{yy} + (2p+1)y^{-1}u_y = 0$, which is regular at $y=0$ and satisfies $u_y(x, 0) = 0$, is represented by

$$u(x, y) = \int_0^1 U(x, ty)(1-t^2)^p dt$$

where U is a harmonic function and $U_y(x, 0) = 0$, and in the second paper this solution is expanded into a series of Bessel functions. Some related partial differential equations are also mentioned. A. Erdélyi (Pasadena, Calif.).

Source: Mathematical Reviews,

Vol

13 No. 4

610K HVEOCU, 1016 02112

Clorănescu, Nicolae. On the symbolic or analytic structure of the general integral of some partial differential equations of the second order with constant coefficients. Acad. Repub. Pop. Române. Bul. Sti. 1, 439-448 (1949). (Romanian. Russian and French summaries)
The partial differential equation $D^2u + au = 0$, in which D is a linear differential operator in $x_1, \dots, x_n$ with constant coefficients, has the general solution

$$u(x_1, \dots, x_n, t) = (\cos tD)f(x_1, \dots, x_n) + (\sin tD)g(x_1, \dots, x_n).$$

This symbolic solution may be interpreted analytically by means of a Taylor expansion. There is a corresponding statement for the hyperbolic equation, and a few examples.

A. Erdélyi (Pasadena, Calif.).

Source: Mathematical Reviews,

Vol. 12, No. 3

Solomon

Clorinescu, N. A new mean-value formula and its application to the approximate calculation of definite integrals. Gaz. Mat. Fiz. Ser. A, 8 (1956), 19-23. (Romanian)

Continuing his work with the mean-value formula

$$\frac{M_p[fg] - M_p[f]M_p[g]}{M_p[\varphi\psi] - M_p[\varphi]M_p[\psi]} = \frac{f'(\xi)g'(\xi')}{\varphi'(\xi)\psi'(\xi')},$$

where $M_p[F] = \int_a^b p(x)F(x)dx / \int_a^b p(x)dx$, $p(x)$ is an arbitrary nonnegative weight function, and ξ and ξ' are suitable values in the open interval (a, b) [Bull. Math. Soc. Roumaine Sci. 46 (1944), 107-112; MR 7, 418], the author considers the special case $p(x) = 1$, $Q(x) = x - a$, $\varphi(x) = x - b$, which leads to the formula

$$(b-a) \int_a^b f(x)g(x)dx - \int_a^b f(x)dx \int_a^b g(x)dx = \frac{(b-a)^4}{12} f'(\xi)g'(\xi').$$

The present paper is concerned with applications of this

Cioranescu, N.

last formula to the approximate calculation of definite integrals. Thus it is shown that

$$\int_a^b F(x) dx = \sum_{p=0}^{n-1} (-1)^p \frac{n!(2n-p-1)!}{(2n)!(n-p-1)!(p+1)!} \times (b-a)^{p+1} [F^{(p)}(b) + (-1)^p F^{(p)}(a)] + (-1)^n \frac{n!}{12(2n)!} (b-a)^{n+3} F^{(n+1)}(\xi) X_n'(\xi'),$$

where $X_n(\xi) = [(x-a)^n(x-b)^n]/[n!(b-a)^n]$ is the n th Legendre polynomial relative to the interval (a, b) . It is shown further that if the points $x_k = h(b-a)/n$ divide the interval (a, b) into equal parts, then

$$\int_a^b F(x) dx = \frac{b-a}{n} \left[\frac{F(a) + F(b)}{2} + \sum_{k=1}^{n-1} F(x_k) \right] - \frac{(b-a)^3}{12n^3} F''(\xi).$$

E. F. Beckenbach (Los Angeles, Calif.).

CIORANESCU, N.

CIORANESCU, N. Problem of teaching higher mathematics in higher education.
p. 586. Vol. 8, no. 11, Nov. 1956. GAZETA MATEMATICA SI FIZICA. SERIA A.
Bucuresti, Rumania.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

CIORĂNESCU, N.

Ciorănescu, N. Sur un équation aux dérivées partielles
du second ordre et une nouvelle généralisation des fonctions
de Bessel. Bul. Inst. Politehn. București 18 (1956), no.
1-2, 1-4. (Romanian. Russian and French summaries)

If the equation $(a\lambda r^2 + 1)\Delta u + 4\lambda u = 0$, where Δ is the
Laplacian in polar coordinates and a and λ are constants,
is solved by separating variables, then solutions of the
radial part are

$$r^n \left\{ 1 + \sum_{k=1}^{\infty} \frac{(-1)^k}{k!} \frac{[(n+1)a+1] \cdots [(k-1)(n+k-1)a+1]}{(n+k)!} \right.$$

$$\times (\lambda^k r)^{2k} \}.$$

These are the functions of the title.

N. D. Kazarinoff (Ann Arbor, Mich.)

CIORANESCU-DINU, M.

HAGIUSCU, D.; DUTU, E.; CIORANESCU-DINU, M.

Contributions to the study of medicamentous tuberculous anergy: the role of isoniazide. Rumanian M. Rev. 2 no.1:30-31 Jan-Mar 58.

(ISONIAZID, eff.

induction of immune tuberc. anergy during repeated tuberculin test)

(TUBERCULIN REACTION, eff. of drugs on

isoniazid induction of immune tuberc. anergy during tuberculin test)

RUMANIA / General Problems of Pathology. Allergy.

U

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13516

Author : Hagiescu, D.; Dutu, Eliza; Cioranescu-Dinu, M.

Inst : -

Title : Changes of Tuberculous Allergy in Children in Treatment with Isoniazid.

Orig Pub : Ftiziologia, 1958, 7, No. 3, 241-248

Abstract : No abstract

Card 1/1

HAGIESCU, D.; ANDRESTER, M.; CIORANESCU-DINU, Maria; in collaboration with
VEBER, V.; BREZEANU, Paula; BUTON, L.

Some clinical aspects of tuberculosis in the aged. Rumanian M Rev.
no.2:28-31 Ap-Je '60;

(TUBERCULOSIS, PULMONARY in old age)

CIORAPCIU, E., arh.; PINZARU, S., ing.

Saving reserves of wooden material. Constr Buc 15 no.721:1, 3
N '63.

1. Insectia de Stat in constructii, Comitetul de Stat pentru
Constructii, Arhitectura si Sistemalizare.

CIORAPCIU, Mircea

Demolishing two plant chimneys by pulling them down. Constr Buc
17 no.800:4 8 My '65.

1. Chief Engineer, Siderurgical Construction Enterprise, Hunedoara.

1ST AND 2ND COPIES										3RD AND 4TH COPIES									
PROCESS AND PROPERTIES INDEX																			
BC a - 4 Accidents following intervention administra- tion of 20% sodium cyanide in CHIRAPCHI and PLAMATE-PURMAN (Bou. Min. Soc. Ind. Hop. Rouen, 1900-21, 683-1877). 7 cases are reported: in 3 the infection was followed by rigors and fever, in 2 by urticaria, and in 2 others by severe shocks. In some of these cases, further administra- tions were followed by the same reaction. H. L.																			
ASM-31A METALLURGICAL LITERATURE CLASSIFICATION																			
SECTION DIVISION										SECTION DIVISION									
SECTION 02										SECTION ONE ONE									
SECTION 02										SECTION ONE ONE									